Audio Visual Catalogue - July 2015

Ventronics

Audiovisual and Security Center

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Table Of Contents

Visualizers Introduction 1
- U50 2
- F17HD+ 3
- F50HD 4
- M70 5
- PL50 6
- Sphere 2 Software (Included with all Visualizers) 7,8
- ClassSend Software (Included with all Visualizers) 9

Interactive Whiteboards
- Portable Interactive Whiteboard System 10
- Touch Sensitive Interactive Whiteboard 11
- LED Interactive Touch Screens - 55", 65" & 84" 12
- Desktop LED Interactive Touch Screens - 23.6" 13

Data Video Projectors
- Optoma S313, X316, W316 14
- NEC VE281s, VE281x 15

Wireless Presenters
- We Present WiPG1000 16
- WPS Dongle 2 (WGA-120) 17

Video Conferencing Systems 18,19
- EVC130P
- EVC300
- EVC900
- EZ Meetup Software for Windows, Mac, iOS, Android 20

Tablets 21
10.1" - Wifi Only
10.1" - 3G Dual Sim

Charging Trolleys and Cabinets
- L12i - Tablets, Laptops and Chromebooks 22
- L16u - Tablets only with Sync 23
- C30i - Tablets, Laptops and Chromebooks 24
- C30u - Tablets only with Sync 25
- S40i - Tablets, Laptops and Chromebooks 26

PPM Charging Locker

- CL10 - Cellphones and Tablets 27

PPM Screens
- Tripod 28
- Wall Mounted Pull-down 29
- Wall Mounted Motorised 30

Commbox Control Systems 31

PPM Brackets 32
- Projector
- LED / LCD

PPM Cabling & Patchpoints 33
- VGA
- HDMI
- Patch Points

Please Note

- **Due to technology improvements, models may be upgraded before catalogue reprint**
- **Images may be different from actual product**
- **Please always check for stock availability**

Upgrade Your Classroom TO THE CLASSROOM OF THE FUTURE

Visualizers enable teachers and students to instantly stream vivid images of any object – living or inanimate, still or moving, flat or 3D – in real-time to a large audience with amazing HD clarity. Visualizers combine the best teaching applications of digital cameras, video cameras, overhead projectors and magnifiers into a straightforward, compact device, and AVer's years of experience and position as a leading visualizer manufacturer is your guarantee of value and faultless performance. Like any one of the tens of thousands of teachers who've chosen AVer over the years, you'll quickly see just how easy it is to create a richer learning environment with an AVer visualizer.

THE FUTURE CLASSROOM

AVer U50

The Aver U50 USB visualizer features exceptional portability and convenience as well as the ability to run solely on the power from the computers USB port.

The lag-free 30fps frame rate, 5-megapixel camera sensor, HD1080p output resolution and built-in microphone makes it an excellent choice during video chats.

Easily integrate the U50 with an interactive whiteboard via the AVerVision Flash Plug-in, or use the A+ Plug-in for PowerPoint to capture high-quality visualizer images and to record live video and audio.

Hassle-free live HD imaging

Show vivid, blur-free 30fps live video at HD1080p that will dazzle any audience, while utilizing the visualizer's wide shooting area and long flexible arm to easily capture complete images of documents & objects larger than an A4 sheet of paper.

Handy USB hub for tech integration

Turn the U50 and its 2 built-in USB ports into a hub for your classroom technology. Connect your visualizer easily to your computer via the U50's mini USB port, while using the U50's two additional USB ports to connect an IWB, wireless mouse or other USB devices.

Compact and portable design

Take your U50 visualizer along with you wherever you go. Thanks to a lightweight design, a Flexible arm and camera head that effortlessly slips into the visualizer's frame and a built-in handle for easy toting.

Full HD
1 0 8 0

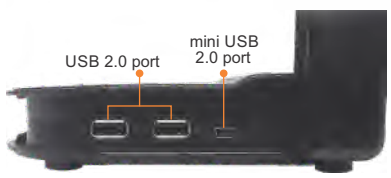
5
Megapixels

8x
Digital Zoom

2 Year Guarantee

camera head

U50 base



CODE	DESCRIPTION
Aver_U50	Aver U50 Visualizer
Aver_LB*	Light box
Aver_USB*	Replacement USB Cable

*** Optional Extra's or Replacement Parts**

Package Includes

U50 Unit

USB Cable

Software CD

Quick Guide

AVer F17HD+

Captivate your students with sharp, vivid images captured by the AVer F17HD+ visualizer with impressive 32X zoom capabilities and a high-sensitivity image sensor.

F17HD+ also supports full HD image streaming via HDMI input/output to ensure the highest quality learning experience.

What's more, you can capture objects from any angle thanks to Aver's signature flexible arm.

When not in use, the F17HD+ camera easily locks into the base for quick, secure transportation and storage.

Its superior flexibility and portability makes it a perfect addition to every classroom.

Advanced full HD image streaming via HDMI

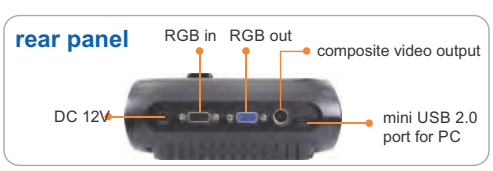
HDMI input and output allow teachers to make high-resolution, interactive multimedia presentations. The F17HD+ advanced and versatile connectivity is compatible with all current PCs, laptops and projectors, and ensures the highest quality image transmission - no HDMI to VGA convertors required.

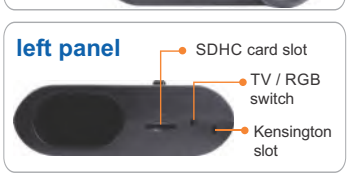
Smooth 30fps one-touch recording

Record all the sounds and excitement of live experiments, head-to-head debates and object examination directly to an SD or SDHC card at 30fps. Playback the video during later class periods or put it online for students to view when they get home.

Extended storage/playback options

Save hundreds of high resolution (5M) images to an SD or SDHC card and take the images captured via the visualizer home with you, or playback image files already stored to your card when working with the visualizer in class.





Full HD 1080

5 Megapixels

2x Aver Zoom

16x Digital Zoom

HDMI Input

HDMI Output

SD Card Max 32GB

5 Year Guarantee

CODE	DESCRIPTION
Aver_F17HD	Aver F17HD+ Visualizer
Aver_MA*	Microscope Adapter
Aver_LB*	Light box
Aver_USB*	Replacement USB Cable
Aver_PSU*	Replacement Power Supply

*** Optional Extra's or Replacement Parts**

Package Includes

F17HD+ Unit

Remote Control

USB Cable

Power Supply Unit

Software CD

Quick Guide

AVer F50HD

Effortlessly accomplish numerous tasks with the innovative AVer F50HD flexible arm visualizer.

The onboard annotation feature – an industry-first for portable visualizers – lets you swiftly and simply annotate over captured images without a PC.

The F50HD's incredible image quality, impressive zooming capabilities and flexible arm ensure you'll capture an outstanding image every time.

The one-touch recording function allows you to record high-quality video directly to a USB flash drive or SDHC card.

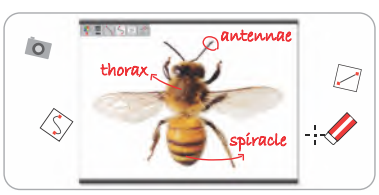
The possibilities for this versatile presentation solution are practically endless through our latest A+ Suite visualizer software.

Smooth 30fps one-touch recording

All the sounds and excitement of live experiments, head-to-head debates and object examination are captured perfectly for future use both in class and at home through the F50HD's lag-free 30fps recording directly to an SDHC card or USB flash drive.

Impressive 8X optical zoom

See minuscule objects and live specimens in fantastic detail thanks to F50HD's impressive 8X optical zoom capabilities, or magnify the objects up to 200X total zoom to have an even closer look at what's going on under the lens.



Innovative onboard annotation tool

Quickly make digital notes on still images with a USB mouse and save them for future use or modification. Hand the mouse over to the students to create an added degree of excitement and interaction that will turn any activity into an instant class favorite.

Full HD 1080

5 Megapixels

1.2x Aver Zoom

20x Digital Zoom

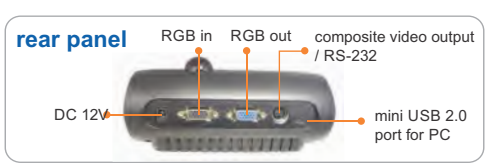
8x Optical Zoom

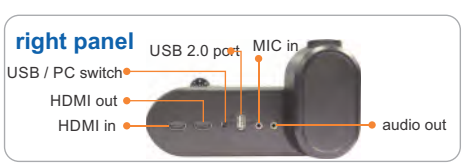
SD Card Max 32GB

HDMI Input

HDMI Output

5 Year Guarantee





CODE	DESCRIPTION
Aver_F50HD	Aver F50HD Visualizer
Aver_MA*	Microscope Adapter
Aver_LB*	Light box
Aver_USB*	Replacement USB Cable
Aver_PSU*	Replacement Power Supply

* Optional Extra's or Replacement Parts

Package Includes

F50HD Unit

Remote Control

USB Cable

Power Supply Unit

Software CD

Quick Guide

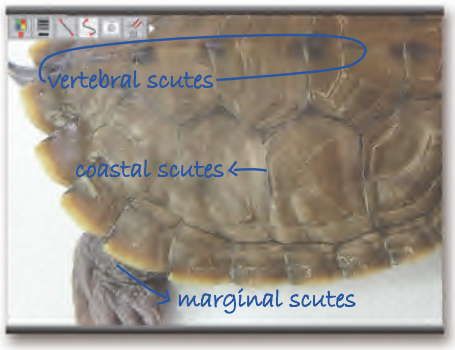
AVer M70

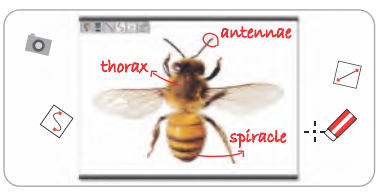
Share the excitement of discovery in high definition with the AVer M70 visualizer.

Explore every detail with its powerful 12X optical zoom and then use AVer's onboard annotation tools to interact, explain and guide students.

From an A3-sized diagram to a small biological specimen, the visualizer's 5-megapixel sensor is able to relay smooth live images to HD displays with the convenience of HDMI support; what's more, these valuable learning experiences can be captured at 30fps with the one-touch recording feature.

Let the vivid, high-definition images of an AVer M70 visualizer take you on countless educational journeys.





Innovative onboard annotation tool

Quickly make digital notes on still images with a USB mouse and save them for future use or modification. Hand the mouse over to the students to create an added degree of excitement and interaction that will turn any activity into an instant class favorite.

Smooth 30fps one-touch recording

All the sounds and excitement of live experiments, head-to-head debates and object examination are captured perfectly for future use both in class and at home through M70's lag-free 30fps recording directly to an SDHC card or USB flash drive.

Powerful 12X optical zoom

Explore the fine detail of biological subjects and magnify the smallest grains with the microscope-like ability of M70's 12X optical zoom or see an object up to a whopping 192X magnification by taking advantage of M70's total zooming power.

Full HD 1080

5 Megapixels

2x Aver Zoom

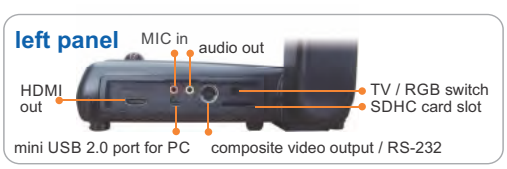
8x Digital Zoom

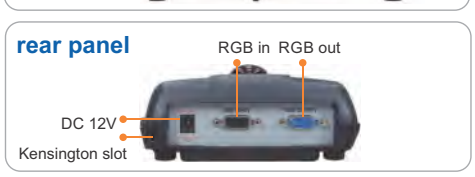
12x Optical Zoom

HDMI Output

SD Card Max 32GB

5 Year Guarantee





CODE	DESCRIPTION
Aver_M70	Aver M70 Visualizer
Aver_MA*	Microscope Adapter
Aver_LB*	Light box
Aver_USB*	Replacement USB Cable
Aver_PSU*	Replacement Power Supply

* Optional Extra's or Replacement Parts

Package Includes

M70 Unit

Remote Control

USB Cable

Power Supply Unit

Software CD

Quick Guide

AVer PL50

Bring an added level of professionalism to any presentation with the AVerVision PL50 visualizer.

Use the large embedded light box to display A4-sized x-rays or rows of film slides and negatives clearly to a full lecture hall.

Let PL50's vibrant colors and sharp images engross your audience, While allowing no detail to go unexamined thanks to the amazing 16X optical zoom and 240X total zoom capabilities.

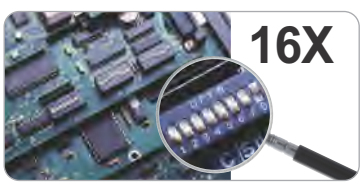
Accentuate your expertise with the AVerVision PL50 visualizer.

Embedded light box larger than A4

Present the fine points of any A4-sized x-ray or set of film slides/negatives with ease using PL50's 329 x 265 mm embedded light box, among the largest in the market today. Not using the light box? Take advantage of the dual LED arm lamps to better light 3D objects.

Innovative onboard annotation tool

Quickly make digital notes on still images with a USB mouse and save them for future use or modification.



Robust 16X optical zoom lens

Magnify any object up to 16 times its original size without experiencing any loss in image quality. If 16X optical zoom is somehow not enough, take advantage of PL50's digital zoom to reach a remarkable 240X total magnification.

Full HD 1080

5 Megapixels

16x Optical Zoom

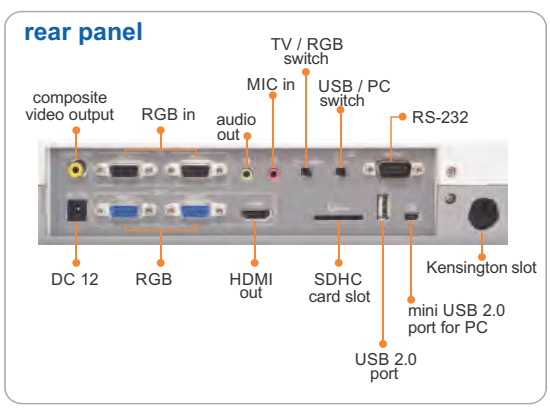
15x Digital Zoom

SD Card Max 32GB

USB Max 64GB

HDMI Output

5 Year Guarantee



CODE	DESCRIPTION
Aver_PL50	Aver PL50 Visualizer
Aver_MA*	Microscope Adapter
Aver_USB*	Replacement USB Cable
Aver_PSU*	Replacement Power Supply

*** Optional Extra's or Replacement Parts**

Package Includes

PL50 Unit

Remote Control

USB Cable

Power Supply Unit

Software CD

Quick Guide

AVer Sphere 2 Software Functions

Included with all AVer Visualizers

The Sphere 2 Software is included with all the Aver Visualizers. This software package will bring your classroom to life. It is guaranteed to keep your students intrigued and let them experience something they have never experienced before.

Easy-to-Use Visualizer Controls

Access all of the visualizer's main functions – zoom, focus, freeze and rotate – and have control over image adjustment settings – brightness, contrast, color, white balance and mode selection – to make operating your AVer visualizer via a computer easier than ever.

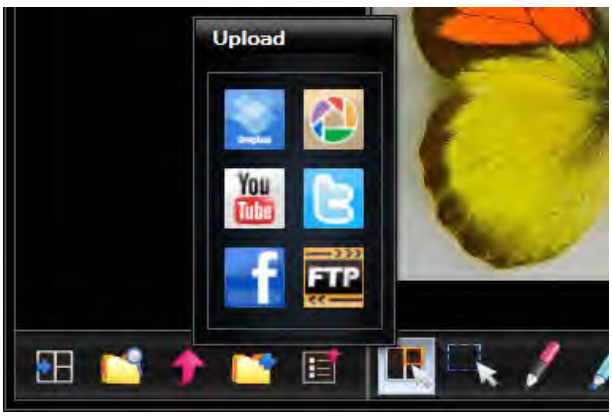
Press the auto adjust button to instantly correct white balance, contrast, exposure and even realign the image to a perfect 90° if it is less than 15° askew.

Picture-in-Picture

Stream live video from a second visualizer, an AVer TabCam or a webcam over the video from your visualizer, perfect for lectures conducted through e-learning platforms or for creating step-by-step instructional videos.

Media Library & Side-by-Side Image Comparison

Create your own media library full of recorded videos and captured images to conduct side-by-side comparisons between the live images streaming from up to 3 visualizers, TabCams and/or webcams and still images - up to 6 separate image windows - while maintaining easy access to visualizer controls and annotation tools.



One-Click Media Upload

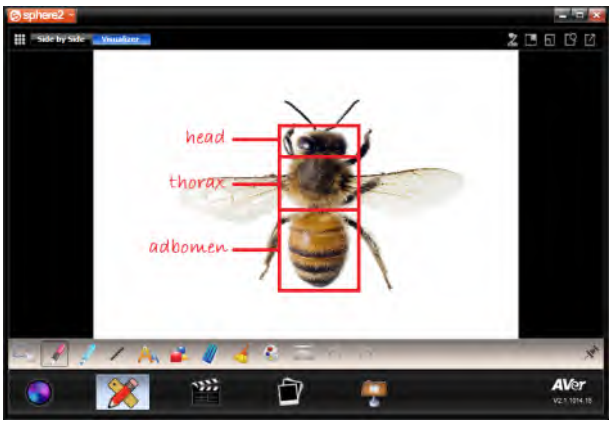
Make the excitement of class accessible from home by quickly uploading captured images and video recordings to social media sites – YouTube, Facebook and Twitter – and file sharing sites – Dropbox, Picasa and FTPs.

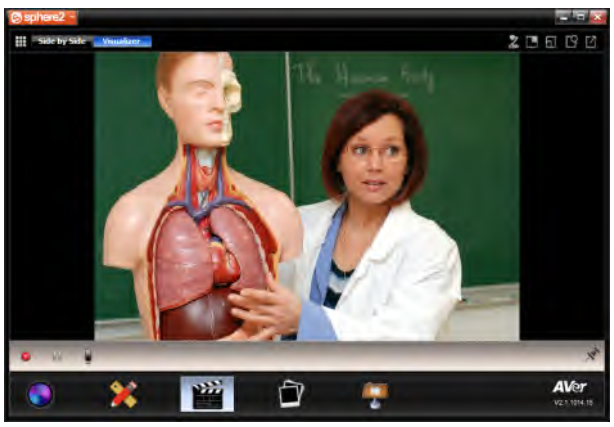
AVer Sphere 2 Software Functions

Handy Annotation Tool

Enrich your presentations by making clear, informative annotations over live visualizer images.

Take down notes, highlight text, draw lines even add shapes to transform any live visualizer image into the perfect diagram.



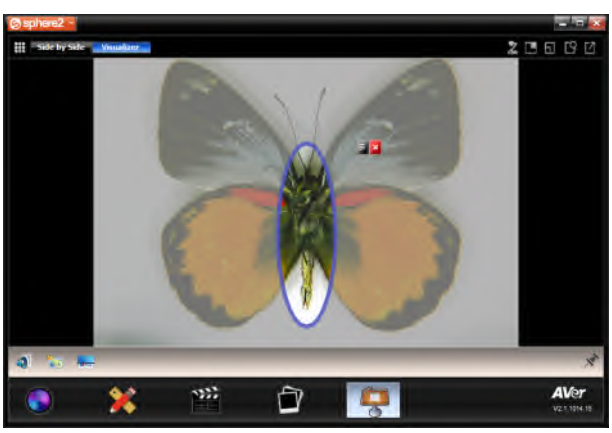


Live Video & Audio Recording

Turn live lessons, visits from guest lecturers or exemplary student performances into reference materials you can use again and again or use the video and audio recording function to prepare invigorating material before class starts.

Text-to-Speech (TTS)*

Bring text to life with Sphere2's built-in text-to-speech (TTS) feature. Key points from textbooks, documents, written notes and the like are quickly transformed into clear, natural-sounding audio that leaps off the page resulting in superior presentations. (Windows® only)



Presentation Tools

Cover select portions of the screen with a semi-transparent or opaque shield using the Spotlight and Visor features, great for both testing and test review scenarios.

Single & Continuous Image Capturing

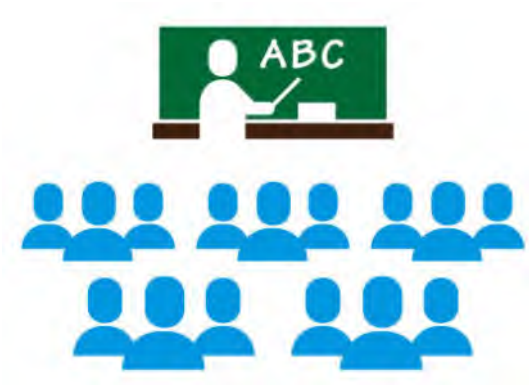
Take a single high resolution snapshot of all or part of the live image or use continuous capture for time lapse photography, capturing an image every 5 seconds to 6 hours for up to 72 hours to observe changes over time or to create great step-by-step visuals.

AVer ClassSend Software Functions

Included with all AVer Visualizers

ClassSend the tablet/Chrome app allows teachers to engage students in a truly interactive, one-to-one learning environment. Teachers can instantly push snapshots of live visualizer or TabCam images to all connected student devices, letting students add their own notes to images and send them right back to the teacher to share with the whole class. Additionally, it allows teachers to improve classroom management and make learning more fun in the classroom through in-class interactive quizzes.

GET IT ON Google play | Available on the App Store | available in the chrome web store



Involve the whole class

Allow for up to 40 students to join each session from their devices and participate in classroom activities simultaneously.

Students can log on to the virtual classroom either by signing in with the student's ID number or by manually entering the IP address provided by the teachers.

Real-time live images sharing

Enable teachers to instantaneously push snapshots of live visualizer/TabCam images or digital whiteboard content to all connected student devices running ClassSend engagement app.

Let your imagination run wild

Provide an intuitive interface similar to a wireless slate or digital whiteboard that's as simple as scratching over a paper with a pen and pencil.

Students can annotate over a saved image, solve math problems or highlight a paragraph's main idea.

Send notes in a flash

Students can add their notes to images received and send them right back to the teacher to share with the whole class.

Show them you 'like' it

Teachers can provide students with instant feedbacks via the “evaluate” functions.

For example, teachers can encourage students to keep up the good work by giving them a thumbs-up for each correct or noteworthy response.

Portable Interactive Whiteboard System

The Parrot Portable Interactive Whiteboard System is a cost effective Interactive Solution, that converts any flat smooth surface to an interactive display. Interact with your PC/Laptop either directly or at the projected surface using the ergonomically designed Stylus Electronic Pen (e-pen). The e-pen is chargeable via USB. Web pages and You Tube clips can be added to bring presentation material to life and ensure your electronic presentations are dynamic.

Technology
Infrared processing between the stylus e-pen and receiver.

Communication Interface
Signal receiver connected to PC/Laptop via USB cable limited to a distance of 40 meters. Receiver is powered via the USB cable.

Projected Image Size
Up to 3000mm diagonal (4:3 or 16:9).

Software
Includes the Basic FreeClass Software Compatible with Windows Xp/2003/vista/7/8, MacOs.

*****The Full Parrot Software Package to be purchased separately**

Installation
Both mobile and fixed installations – use supplied bracket to mount receiver for fixed installation.

Surface
Any smooth non reflective flat service can be used. Parrot non-reflective whiteboard IW1063 is recommended.

Projector
Required - Refer to page 14+15 for information on our projectors.

Guarantee
2 years.

Contact us for a FREE demonstration

CODE	DESCRIPTION	SIZE
Parrot_IW1000	Portable IWB System	
Parrot_IW1050*	Replacement Stylus e-pen	
Parrot_IW1051*	Replacement Pen Nib	
Parrot_IW1063*	Non-Reflective Whiteboard	1620 x 1220mm
Parrot_SW1001*	Parrot Software 1 Additional user	
Parrot_SW1005*	Parrot Software 5 Additional users	

*** Optional Extra's or Replacement Parts**

Package Includes

Signal Receiver & Mounting Bracket

Software disc

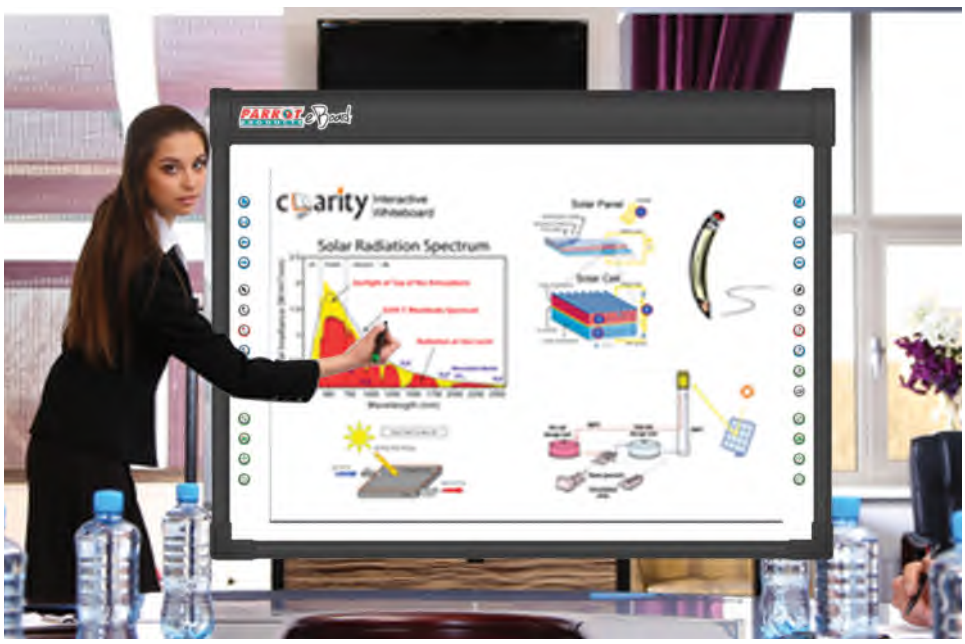
Carry Bag

Stylus E-pen & USB Charging Cable

USB Cable

eBoard Touch Sensitive Interactive Whiteboard

The Parrot eBoard allows up to two users to interact simultaneously on the Interactive Whiteboard at the same time. Nano Technology on the surface area allows for a Standard Parrot Whiteboard Marker to be used in the event of a power failure. Whiteboard Marker on the surface can be erased using a Parrot Aqua Wipe. The board features 14 pre-programmed buttons on the left and right hand side facilitating quick access to regularly used functions. Users are afforded the option of using either their finger or the stylus pen provided.



Package Includes

USB Cable

Software disc

2x Stylus Pens

Technology

Dual vision touch sensitive technology. Use finger or stylus pen supplied.

Communication Interface

Connected to PC/Laptop via USB Cable, 5meter USB cable supplied. Board is powered via USB Cable.

Active Working Area

IW1800 - 920 x 690mm (4:3)
IW2100 - 1560 x 1170mm (4:3).
IW2250 - 2040mm x 1275mm (16:9)

Software

Includes the Full Parrot Software Package with 5 User Licenses for Windows XP/2003/Vista/7/8, MacOs.

Installation

Fixed installations - Use supplied brackets.

Surface

Nano technology, bright, anti scratch surface allowing a standard Parrot whiteboard marker to be used.

Projector

Required - Refer to page 14 + 15 for information on our projectors.

Guarantee

Standard 3 years.

Software

Includes the Full Parrot Software Package with 5 User Licenses

CODE	DESCRIPTION	SIZE
Parrot_IW1800	E-board Multi-touch	1350 x 780mm
Parrot_IW2100	E-board Multi-touch	1675 x 1260mm
Parrot_IW2250	E-board Multi-touch	2155 x 1365mm
Parrot_IW2010*	Replacement Stylus	
Parrot_SW1001*	Parrot Software 1 Additional user	
Parrot_SW1005*	Parrot Software 5 Additional users	

*** Optional Extra's or Replacement Parts**

Contact us for a FREE demonstration

LED Interactive Touch Screens

The Parrot High Definition & 4K LED Screens is a perfect fit for your boardrooms and classrooms. Projectors are not required, thus removing any shadow on the screen while interacting with it. Users are afforded the option of using either their finger or the stylus pen provided. Web pages and You Tube clips can be added to bring presentation material to life and ensure your electronic presentations are dynamic. The panel comes with built in speakers and can fully be integrated with the AVer Visualizer range.

Technology

Dual vision infra-red touch sensitive technology. Full HID support. User can use finger or stylus pen supplied.

Communication Interface

Touch - connected to PC/Laptop via USB cable.
Visual- LED Panels is connected to an external PC/Laptop by either a VGA or HDMI cable.

*See our **Wireless Presenters** on Page 14 & 15

Active Working Area

55" Full HD LED (1209.60 x 680.40mm)
65" Full HD LED (1428.50 x 803.50mm)
84" 4K LED (1860.00 x 996.30mm)

Software

Android System Included.
Optional Parrot Software for Windows XP/2003/Vista/7/8, MacOs.

Installation

Fixed installations – Wall Bracket Included.
Mobile installation – Optional Stand

Surface

Anti-Reflection tempered glass panel.

Projector

Not required.

Guarantee

2 years.

Features

- Android System Included
- Plug & Play with Microsoft
- Multi Touch up to 10 points
- Supports Wi-Fi printers
- Screen Mirror
- On Screen Annotation
- Virtual Whiteboard
- Intelligent Temperature Control
- Auto Light Adjustment
- Eco Friendly

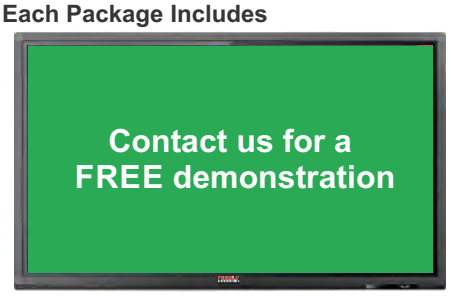
ANDROID

55"	Full HD	Resolution 1920 x 1080
65"	Full HD	Resolution 1920 x 1080
84"	4K	Resolution 3840 x 2160

CODE	DESCRIPTION	SIZE
Parrot_IW7010A	55" Full HD LED Panel	1362.70 x 845.80mm
Parrot_IW7000A	65" Full HD LED Panel	1564.50 x 956.80mm
Parrot_IW7040	84" 4K LED Panel	2000.00 x 1200.00mm
Parrot_IW2010*	Replacement Stylus	
Parrot_SW1001*	Parrot Software 1 Additional user	
Parrot_SW1005*	Parrot Software 5 Additional users	

*** Optional Extra's or Replacement Parts**

Each Package Includes



LED Screen

VGA Cable

USB Cable

Audio Cable

Stylus Pen

Remote Control

Wall Mount Bracket

Desktop LED Interactive Touch Screen

This innovative 2-point touch display is made for users who appreciate technical quality and aesthetic design. The rapid response time ensures a fast, accurate and natural touch experience when using either finger, stylus, gloved hand or any other pointer, and features low power consumption.

23.6"

Full HD

Resolution
1920 x 1080

Technology

Infrared Optical Structure - No Calibration Required.

Multi-Touch up to 2 points.

Communication Interface

Touch - Connected to PC/Laptop via USB cable.

Visual - Connected to an external PC/Laptop by either a VGA or HDMI cable.

Sound - Connect through a 3.5mm to 3.5mm stereo cable.

Active Working Area

23.6" - (521.28 x 293.22mm)

Software

Plug and Play device.

Supports Windows 7 & 8.

Optional Parrot Software for Windows

Installation

Fixed installations – Wall Bracket Optional.

Mobile installation – Table top stand included

Surface

2.5mm tempered glass panel.

Guarantee

1 year.

For the full specifications sheet of the 23.6" Touch Screen please visit our website @ www.ppmmedia.co.za

CODE	DESCRIPTION	SIZE
Mecer_Touch23	23.6" Full HD LED Touch Screen	554 x 345mm
Parrot_SW1001*	Parrot Software 1 Additional user	
Parrot_SW1005*	Parrot Software 5 Additional users	

*** Optional Extra's or Replacement Parts**

Each Package Includes

LED Screen

VGA Cable

USB Cable

Optoma Data Video Projectors

Optoma is a world leading designer and manufacturer of projectors for business, education, professional audio/video and home entertainment.For nearly two decades Optoma has been one of the few manufacturers to specialise in projection. Systematically Optoma has contributed a product into every new development of projection and has pioneered new award-winning products on more than one occasion, targeting a spectrum of applications and environments. Optoma's innovative products are carefully crafted to deliver crystal clear images of unrivalled quality by incorporating the latest DLP® technology from Texas Instruments, together with advanced optical engineering expertise and dedication to superb product quality

Optoma S313

NativeResolution SVGA 800 x 600 | **Lumens** 3000 | **DLP** Full 3D | **Contrast** 20 000:1 | **HDMI** Input

TECHNICAL SPECIFICATIONS

Display Technology Single 0.55" DC3 DMD DLP® Technology by Texas Instruments™
Maximum Resolution VGA port: UXGA (1600 x 1200) HDMI port: WUXGA (1920 x 1200)
Lamp Life and Type* 10,000/6500/6000/4500 Hours (Education cycle/ECO+/Dynamic/Bright) 190W
Keystone Correction ±40° Vertical
Aspect Ratio 4:3 Native, 16:9 compatible
Throw Ratio (distance/Width) 1.96–2.18
Projection Distance 1.2–10 m
Audio 2-Watt speaker
Remote Control IR remote mouse control

COMPATIBILITY SPECIFICATIONS

Computer Compatibility WUXGA, HD, UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Mac compatible
Video Input Compatibility NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
3D Compatibility† Supports all HDMI 1.4a mandatory 3D format, side-by-side format and top and bottom format. 3D glasses are needed and sold separately
I/O Connection Ports HDMI in, two VGA-in, VGA-out, S-video, composite video, two audio-in, audio-out, RS-232C, USB-A

PHYSICAL SPECIFICATIONS

Weight 2.21 kg
Dimensions (W x H x D) 315 x 117 x 223 mm

Optoma X316

NativeResolution XGA 1024 x 768 | **Lumens** 3200 | **DLP** Full 3D | **Contrast** 15 000:1 | **HDMI** Input

TECHNICAL SPECIFICATIONS

Display Technology Single 0.55" DC3 DMD DLP® Technology by Texas Instruments™
Maximum Resolution WUXGA (1920 x 1200)
Lamp Life and Type* 10,000/6000/5000 Hours (ECO+/ECO/ normal) 190W
Keystone Correction ±40° Vertical
Aspect Ratio 4:3 Native, 16:9 compatible
Throw Ratio 1.95–2.15
Projection Distance 1–12 m
Audio 2-Watt speaker
Remote Control IR remote control

COMPATIBILITY SPECIFICATIONS

Computer Compatibility WUXGA, UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Mac compatible
Video Input Compatibility NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
3D Compatibility† Supports all HDMI 1.4a mandatory 3D format, side-by-side format and top and bottom format. 3D glasses are needed and sold separately
I/O Connection Ports HDMI in, Two VGA-in, VGA-out, S-video, Composite video, Two Audio-in, Audio-out, RS-232C, USB

PHYSICAL SPECIFICATIONS

Weight 2.4 kg
Dimensions (W x H x D) 315 x 102 x 224 mm

Optoma W316

NativeResolution WXGA 1280 x 800 | **Lumens** 3400 | **DLP** Full 3D | **Contrast** 15 000:1 | **HDMI** Input

TECHNICAL SPECIFICATIONS

Display Technology Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
Maximum Resolution WUXGA (1920 x 1200)
Lamp Life and Type* 10,000/6000/5000 Hours (ECO+/ECO/ normal), 190W
Keystone Correction ±40° Vertical
Aspect Ratio 16:10 Native, 16:9 and 4:3 compatible
Throw Ratio 1.55–1.7
Projection Distance 1–10 m
Audio 2-Watt speaker
Remote Control IR remote control

COMPATIBILITY SPECIFICATIONS

Computer Compatibility WUXGA, UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Mac compatible
Video Input Compatibility NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
3D Compatibility† Supports all HDMI 1.4a mandatory 3D format, side-by-side format and top and bottom format. 3D glasses are needed and sold separately
I/O Connection Ports HDMI, Two VGA-in, VGA-out, S-video, Composite video, Two Audio-in, Audio-out, RS-232C, USB

PHYSICAL SPECIFICATIONS

Weight 2.5 kg
Dimensions (W x H x D) 315 x 102 x 224 mm

For the full spesification sheets of the above projectors please visit our website @ www.ppmmedia.co.za

CODE	DESCRIPTION
Optoma_S313	Optoma SVGA 3000 Lumens
Optoma_X316	Optoma XGA 3200 Lumens
Optoma_W316	Optoma WXGA 3400 Lumens

Each Package Includes

Projector

Carry Bag

VGA Cable

Remote Control

We also supply most projector models from the following Manufactures

NEC acer PARROT PRODUCTS EPSON Optoma BenQ

NEC Data Video Projectors

NEC Display Solutions designs, produces and delivers leading-edge visual display technology for a wide variety of markets. They specialize in desktop and large-screen LCD displays, and a diverse line of projectors for customers who demand the most high-quality, reliable display solutions to meet their needs.

VE281s

NativeResolution SVGA 800 x 600
Lumens 2800
DLP 3D Ready
Contrast 3 000:1
HDMI Input

TECHNICAL SPECIFICATIONS

Display Technology Single DMD DLP® Technology by Texas Instruments™
Maximum Resolution UXGA (1600 x 1200) with scaling technology
Lamp Life Eco Mode 6000 hours / Normal 4000 hours
Keystone Correction Max ±40° Vertical
Aspect Ratio 4:3 Native, 16:9 compatible
Projection Distance 1.2–12 m
Audio 7-Watt speaker
Remote Control IR remote

COMPATIBILITY SPECIFICATIONS

Computer Compatibility UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Mac compatible
Video Input Compatibility NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
I/O Connection Ports HDMI in,VGA-in, composite video, audio-in, RS-232

PHYSICAL SPECIFICATIONS

Weight 2.21 kg
Dimensions (W x H x D) 260 x 89.5 x 247 mm

VE281x

NativeResolution XGA 1024 x 768
Lumens 2800
DLP 3D Ready
Contrast 3 000:1
HDMI Input

TECHNICAL SPECIFICATIONS

Display Technology Single DMD DLP® Technology by Texas Instruments™
Maximum Resolution UXGA (1600 x 1200) with scaling technology
Lamp Life Eco Mode 6000 hours / Normal 4000 hours
Keystone Correction Max ±40° Vertical
Aspect Ratio 4:3 Native, 16:9 compatible
Projection Distance 1.2–12 m
Audio 7-Watt speaker
Remote Control IR remote

COMPATIBILITY SPECIFICATIONS

Computer Compatibility UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Mac compatible
Video Input Compatibility NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
I/O Connection Ports HDMI in,VGA-in, composite video, audio-in, RS-232

PHYSICAL SPECIFICATIONS

Weight 2.21 kg
Dimensions (W x H x D) 260 x 89.5 x 247 mm

For the full spesification sheets of the above projectors please visit our website @ www.ppmmedia.co.za

CODE	DESCRIPTION
NEC_VE281s	NEC SVGA 2800 Lumens
NEC_VE281x	NEC SVGA 2800 Lumens

Each Package Includes

Projector

VGA Cable

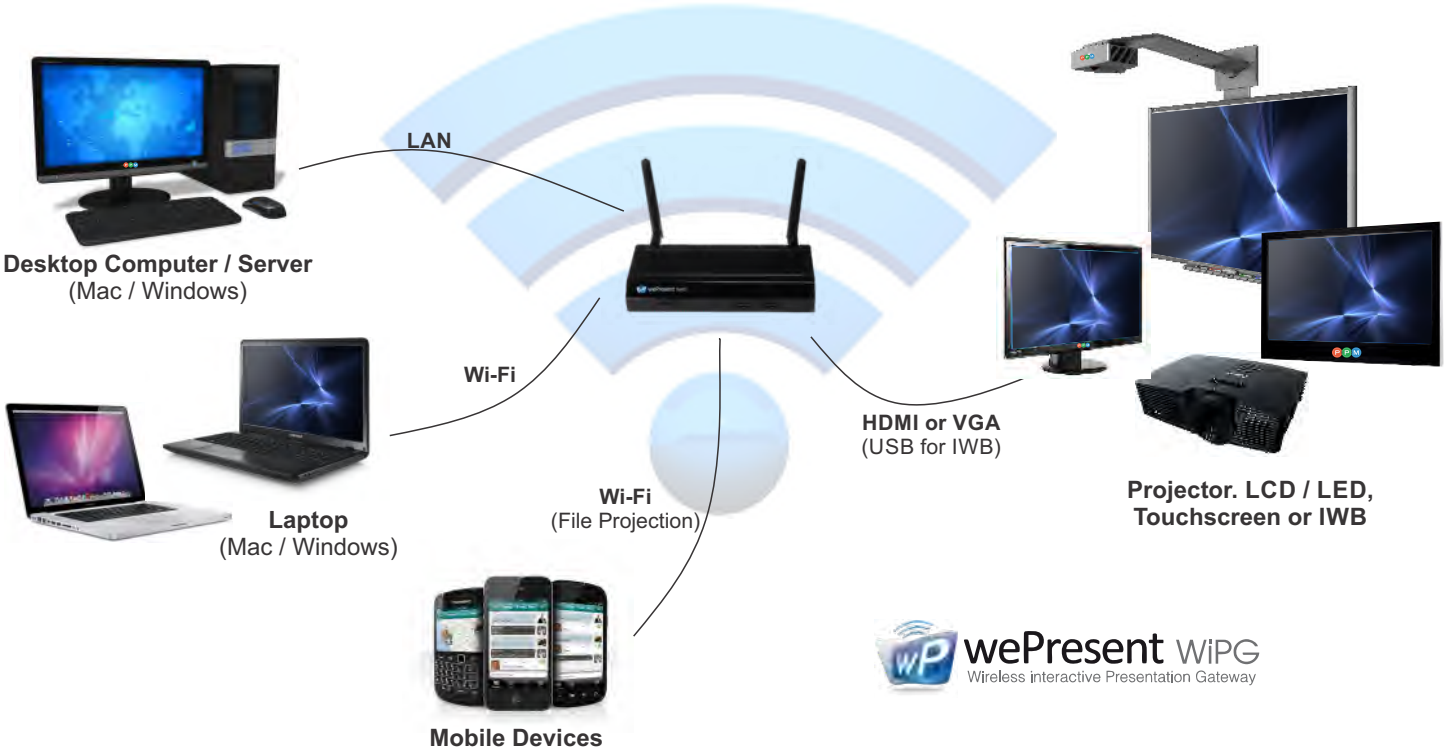
Remote Control

We also supply most projector models from the following Manufactures

NEC acer PARROT PRODUCTS EPSON Optoma BenQ

WePresent WIPG1000

The WePresent WIPG1000 is a spectacular presentation tool that allows a group of **up to 64 users**, to take turns in **wirelessly** presenting from their **Win/Mac** computer, **Smartphone** or **Tablet**.
The WePresent can be connected to any TV, display or projector with **HDMI** or **VGA** connection, and can project up to **full HD resolution**!
It also supports **Touchscreens** and **Interactive White Boards**! Allowing the presentor to have full control over the projecting computer on the touchscreen, wirelessly!



wePresent WiPG
Wireless interactive Presentation Gateway

VGA or HDMI output, up to full HD
Connect the WePresent-1000 to any HDMI / VGA display or projector and set output resolution up to Full HD!

Conference Control
Manage up to 64 connected users as administrator and control who is projecting and where.

4-to-1 Projection
Use the WePresent software interface (or Conference Control) to choose in which screen-quadrant a projection is started.

Wireless Access Point
When connected to wired or wireless network the WePresent functions as a wireless access point, allowing internet access.

SidePad
Use your tablet or smartphone to wirelessly control the projecting PC/Mac.

WiFi-Doc
WiFi-Doc will project any Powerpoint, Excel, Word, PDF files or photos from your tablet or smartphone to the WiPG-1000.

Sender for Galaxy
With the Sender for Galaxy app it is possbile to mirror the screen from your Samsung Galaxy device to the WiPG.

BrowserSlides
Allow audience to view the speaker's current slides in their webbrowser and save them for taking notes.

Touchscreen and Interactive White Board supported
Speaker and audience can interact on touchscreen or IWB wirelessly!

Fast Plug-and-Show USB token
Allow a guest to start the WePresent software directly from a USB stick, without installing any software on their computer.

For the full specifications sheets of the WiPG-1000 wireless presenter please visit our website @ www.ppmmedia.co.za

CODE	DESCRIPTION
WiPG1000-1000	Wepresent WIPG-1000 Wireless Presenter
WiPG1000-Antenna*	1x WiPG-1000 Replacement Antenna

*** Optional Extra's or Replacement Parts**

Each Package Includes

WiPG-1000 Device & 2x Antenna's

Plug & Show Token

Power Supply Unit

WPS-Dongle 2 (WGA-120)

The WPS-Dongle 2 wireless projection system is a powerful gear for road warriors which is easily carried, set up and operated with portable size.
Simply plugging the Dongle in to any display with a VGA connector, you could do the professional wireless presentations right away.

WGA-120 Software User Interface

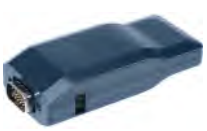
- Chocolate-bar size and light weight
- Plug-and-Show (PnS) Driverless Installation
- 4-to-1 Split Screen Projection
- Near Real-time Network Screen Projection
- Windows XP/Vista/7 and Mac OSX 10.5 and above support
- Smartphone Wireless Projection (MobiShow function)
- Changeable Customized Image of Standby Splash Screen
- Multiple Users Access
- Web management including software download and device settings
- Session Login Code and WEP/WPA key for security purpose
- Wi-Fi standard 802.11b/g/n

For the full specifications sheets of the WiPG-1000 wireless presenter please visit our website @ www.ppmmedia.co.za

MobiShow Software User Interface

CODE	DESCRIPTION
WGA120-120	WPS-Dongle 2 Wireless Presenter

Each Package Includes


WGA-120 Device

Plug & Show Token

Power Supply Unit

Aver Video Conferencing Systems

Achieve Your Goals, Wherever You Are

Why AVer Video Conferencing?

The incredible price-to-performance, trouble-free installation and straight forward operation of our EVC Series translates into a distinctly appealing full HD 1080p video conferencing solution.

The range of models in the EVC Series are all H.323 and SIP compatible, including the point-to-point EVC130P, the 4-point EVC300 as well as the 10-point EVC900, meaning users are guaranteed to find a video conferencing system that is just right for them.

The EVC130P and our multi-point systems EVC300 / EVC900 come equipped with a 67° Pan, Tilt and Zoom camera ensuring everyone participating in the meeting can be seen in great detail.

AVer's industry first, one-touch recording allows users to record everything on the screen directly to any ash drive and our EZMeetup software ensures that participants can be reached on their mobile devices when out of the office.

The interoperability and simplicity of the EVC Series, coupled with the system's high quality video and audio performance, make it an equally attractive endpoint solution for system integrators, video conferencing as a service (VCaaS) providers, Internet telephony service provider (ITSP), telecoms and more.

Full HD 1080p People Video

Full HD 1080p Content Sharing

16X PTZ Camera

Up to 10-Way Communication

One-Touch Recording

Connected On-the-Go

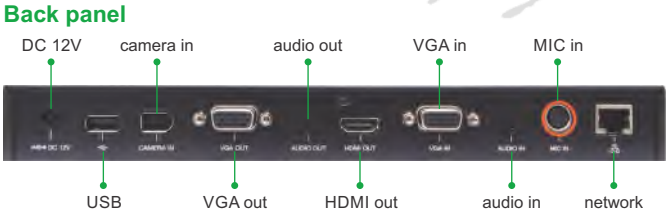
AVer Video Conferencing Systems

Model	EVC900	EVC300	EVC130P
Camera	16X optical PTZ with 2M CMOS / FOV 61° (H); 35° (V); 67° (Diagonal)		
Site	10-site MCU embedded	4-site MCU embedded	Endpoint
Communications	SIP / BFCP and H.323 / H.239		
Video Resolution	Full HD 1080p at 30fps with HDMI output		
Content Sharing Resolution	Up to full HD 1080p (1920 x 1080) at 30fps and dual display		Up to HD 720p (1280 x 720) at 30fps and dual display
Microphone	EVC microphone array and daisy chain		
Value-added Feature	Meeting Recording, Web Management Tool, 22 Supported Languages, Free Feature Upgrading, 3-year Standard Warranty*, Built in SIP Server & Registrar (EVC300 / EVC900 only)		

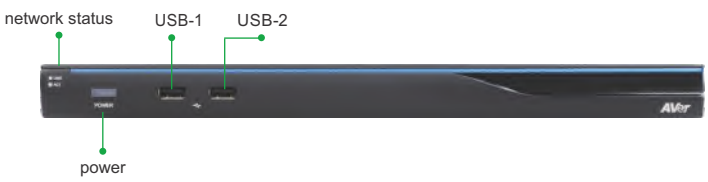
Hardware specifications

EVC130P Front panel

Back panel



EVC300 / EVC900 Front panel



Back panel

CODE	DESCRIPTION
AVer_EVC130P	AVer VC Point to Point (1 Way)
AVer_EVC300	AVer VC Point to Point (4 Way)
AVer_EVC900	AVer VC Point to Point (10 Way)
AVer_EVC.MIC*	AVer VC Microphone
AVer_MC5M*	AVer 5M VC Mic Cable
AVer_MC10M*	AVer 10M VC Mic Cable

*** Optional Extra's or Replacement Parts**

Each Package Includes

1. Main System
2. Camera
3. Microphone
4. Remote Control
5. Power Adapter
6. Power Cord
7. VGA Cable
8. Mini Din 8 pin MIC Cable (5m)
9. HDMI Cable x 2
10. Camera Cable (3m)
11. RJ-45 Cable (3m)
12. DVI to HDMI Connecter

See page 20 for the EZMeetup Mobility Software

AVer EZ Meetup Mobility Software

AVer EZMeetup

The EZMeetup mobility software/app is a practical, collaborative program designed especially for AVer's **EVC300** and **EVC900** video conferencing systems.

It allows users to extend video conferencing from traditional conference rooms to desktops, laptops, tablets and smart phones.

As SIP servers, EVC900 and EVC300 can allow 3 to 9 EZMeetup users to register and communicate with each other.

Users will enjoy clear images and sound, ensuring that those important people can enjoy high-quality video conferencing wherever they are.

Free app for iOS and Android devices

Licensed version available for Windows®, Mac OS® and Windows® tablets

Simple user interface

Supported devices

iPhone & iPad (iOS v6)
Android phones & tablets (Android v3.0)
Laptops, desktops & tablets for Windows®
(Windows XP, Windows 7, Windows 8 / 8.1)
Laptops & desktops for Mac®
(Mac OS X 10.8 and above)

Other features

Connect with H.264 video codecs
Resolution up to VGA (640x480) at 30fps
Compatible with EVC900 / EVC300 v00.10.06.XX

Windows
Mac OS
iOS
android

CODE	DESCRIPTION
AVer_EZM	EZMeetup licence code for Windows and Mac (1x user)

Android Tablets

Create a Mobile Learning Classroom
with AVer's wireless visualiser, class engagement software and tablet/laptop charging solutions

WiFi Only - TB1000

- CPU: RK3188 Quad Core 1.8GHz Cortex-A9 1080p
- Screen: 10.1"
- Resolution: 1280x800 IPS
- Memory: RAM DDR3 1G, ROM (Storage) 16GB
- OS: Android 4.4 KitKat
- Camera: Front 2.0MP + Rear 5.0MP
- Wifi: IEEE 802.11b/g
- Support: Bluetooth, HDMI
- Battery Capacity: 6000mAh
- Micro SD Card (Support up to 32 GB)

Android 4.4 KitKat

Supports the Awind MirrorOp App

Supports the AVer ClassSend App

WiFi & 3G - TB1001

- CPU: MTK8382 Quad Core 1.3 GHz Cortex-A7 1080p
- Screen: 10.1"
- Resolution: 1280x800 IPS
- Memory: RAM DDR3 1G, ROM (Storage) 16GB
- OS: Android 4.4 KitKat
- Camera: Front 2.0MP + Rear 5.0MP
- Wifi: IEEE 802.11b/g
- Support: Bluetooth, GPS and HDMI
- Support: 3G SIM Card with built-in 3G (WCDMA 2100MHz) and GSM
- Battery Capacity: 6000mAh
- Micro SD Card (Support up to 32 GB)

CODE	DESCRIPTION
Parrot_TB1000	Parrot WiFi Only 16GB Tablet
Parrot_TB1001	Parrot WiFi & 3G Only 16GB Tablet

Each Package Includes

Tablet

Micro USB to USB Adapter

Charger

USB Cable

Earphones

L12i Tablet, Chromebook & Laptop Charge Cabinet

Charge and secure mobile devices in the intelligent L12i charge cabinet. The L12i features a stackable design, allowing for flexible storage. What's more, once one cabinet is plugged into a power source it can provide power to additional cabinets, making adding cabinets straightforward and headache-free.

- Charge, store and secure up to 12 iPads, tablets, Chromebooks and laptops (≤14.1")
- Designed to store small quantities of mobile devices in a classroom or add storage space to the classroom with limited square footage
- Wide charging slots are designed to fit a variety of your mobile devices and laptops
- Sturdy, fully-welded steel frame structure & steel double doors with three-point lock for secure storage
- Smooth, rounded corners & edges to safeguard students

Product Specifications

Storage/charging capacity	Up to 12 iPads, tablets, Chromebooks and/or laptops under 14.1" (please compare device dimensions against cabinet slot dimensions listed below)
LED status indicators	Solid blue: charging
Lockable doors	Yes, front double doors with individual three-point locks Storage drawers 12-bay Cable management Individual AC adapter storage compartments & repositionable cable clips
Wall mount hook	Yes
Swivel casters	No
Intelligent charging system	Yes
Power system	AC 220V~240V, 50/60Hz; input: 8A, output: 6A
Slot dimensions (W x H x D)	W = 36mm H = 285mm D = 364mm
Cabinet dimensions (W x H x D)	W = 760mm H = 495mm D = 425mm
Cabinet weight	35kg
Warranty	10-year limited warranty for cabinet 5-year limited warranty for electrical parts

* Tablets Not Included

CODE	DESCRIPTION
Aver_L12i	AVer L12i Tablet, Chromebook & Laptop Charge Cabinet

Each Package Includes

Charging Cabinet

User Manual

Power Cable

L16u Tablet Charge & Sync Cabinet

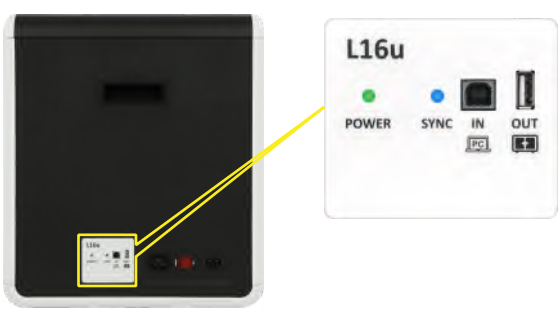
Charge, Sync and secure mobile devices in the intelligent L16u charge cabinet. The L16u features a stackable design, allowing for flexible storage. What's more, once one cabinet is plugged into a power source it can provide power to additional cabinets, making adding cabinets straightforward and headache-free.

- Charge, store and sync up to 16 iPads, iPad minis and/or Android tablets at once
- Full 2.1A DC charging power provided to all connected devices
- Large charging slots are designed to accommodate any brand or size of tablets with or without protective cases
- Sturdy, fully-welded steel frame structure & steel doors with three-point lock for secure storage
- The compact size adds storage space to the classroom with limited square footage
- Conveniently know right away whether any one tablet is fully charged, still charging or if synchronization is in progress with the conveniently located LED status indicator
- Smooth, rounded corners & edges to safeguard students

Product Specifications

Storage/charging capacity	Up to 16 iPads, iPad minis and/or Android tablets (please compare device dimensions against cabinet slot dimensions listed below)
LED status indicators	Red: charging Green: fully charged Flashing green: sync in progress
Lockable doors	Yes, front double door with individual three-point locks
Storage drawers	16-bay with adjustable slots
Cable management	Smart cable management structure
Wall mount hook	Yes
Swivel casters	No
Power system	Input: AC 220V~240V, 50/60Hz, 8A Output: DC 5V, 2.1A per USB
Slot dimensions	W = 28mm H = 285mm D = 364mm
Cabinet dimensions	W = 760mm H = 495mm D = 425mm
Cabinet weight	35kg
Warranty	10-year limited warranty for cabinet 5-year limited warranty for electrical parts

* Tablets Not Included



CODE	DESCRIPTION
Aver_L16u	AVer L16u Tablet Charge & Sync Cabinet

Each Package Includes

Charging Cabinet

User Manual

Power Cable

C30i Tablet, Chromebook & Laptop Charge Trolley

Our tablet, Chromebook & laptop charge cart features an intelligent charging system to optimize total chargetime by dynamically evaluating power demand in separate charging zones, ensuring that the electric current is efficiently allocated to the devices that need it most. In addition, LED status indicators offer instant updates on the charging progress of each zone. Protect against theft and vandalism with the durable steel construction and 3-point locking mechanisms.

- Charge, store and secure up to 30 iPads, Android tablets, Chromebooks and/or Laptops at once
- Intelligent charging mechanism: optimised electrical current allocation and total charge time, with added circuit overload protection
- Wide individual charging bays fit the widest variety of types of mobile devices, laptops on the market
- Sturdy, fully-welded steel frame structure & steel doors with three-point lock for secure storage
- Space efficient: cart with small footprint takes up less room in the classroom
- Compact and sleek design ensures a safe learning environment
- Slide-out drawers allow for easy storage and removal of mobile devices
- Smooth, rounded corners & edges to safeguard students

Product Specifications

Storage/charging capacity	Up to 30 iPads, tablets, Chromebooks and/or laptops under 14.1" (please compare device dimensions against cart slot dimensions listed below)
LED status indicators	Solid blue: Charging
Lockable doors	Yes, front door with individual three-point locks
Storage drawers	Three 10-bay drawers on industrial-grade slide rails
Cable management	Individual AC adapter storage compartments & repositionable cable clips
Wall mount hook	Yes
Auxiliary power outlet	Yes, 2 country-specific AC courtesy outlets AC 220V~240V, 50/60Hz, 2A
Power system	AC 220V~240V, 50/60Hz; input: 8A, output: 6A
Slot dimensions	W = 34mm H = 260mm D = 380mm
Cart dimensions	W = 637mm H = 1037mm D = 686mm
Cart weight	76kg
Warranty	10-year limited warranty for cart and tray 5-year limited warranty for electrical parts

* Tablets Not Included

CODE	DESCRIPTION
Aver_C30i	AVer C30i Tablet, Chromebook & Laptop Charge Trolley

Each Package Includes

Charging Trolley

User Manual

Power Cable

C30u Tablet Charge & Sync Trolley

The cleverly designed C30u tablet sync and charge cart is an essential component of any tablet learning classroom. It features a user-friendly, space-efficient design and supports concurrent charging of up to 30 iPads and Android tablets. Quickly add, remove or modify apps, files and user profiles simultaneously on all connected iPads and Android tablets using the sync function.

- Charge, store and sync up to 30 iPads, iPad minis and/or Android tablets at once
- Full 2.1A DC charging power provided to all connected devices
- Large charging slots are designed to accommodate any brand or size of tablets with or without cases
- Sturdy, fully-welded steel frame structure & steel doors with three-point lock for secure storage
- Space efficient: cart with small footprint takes up less room in the classroom
- Compact and sleek design ensures a safe learning environment
- Slide-out drawers allow for easy storage and removal of mobile devices

Product Specifications

Storage/charging capacity	up to 30 iPads, iPad minis and/or Android tablets (please compare device dimensions against cart slot dimensions listed below)
LED status indicators	Red: charging Green: fully charged Flashing green: sync in progress
Lockable doors	Yes, front door with individual three-point locks
Storage drawers	Three 10-bay drawers on industrial-grade slide rails
Cable management	Repositionable cable clips
Wall mount hook	Yes
Auxiliary power outlet	Yes, 2 country-specific AC courtesy outlets AC 220V~240V, 50/60Hz, 2A
Power system	Input: AC 220V~240V, 50/60Hz, 8A Output: DC 5V, 2.1A per USB
Slot dimensions	W = 34mm H = 225mm D = 380mm
Cart dimensions	W = 637mm H = 1037mm D = 686mm
Cart weight	76kg
Warranty	10-year limited warranty for cart and tray 5-year limited warranty for electrical parts

* Tablets Not Included

CODE	DESCRIPTION
Aver_C30u	AVer C30u Tablet Charge & Sync Trolley

Each Package Includes

Charging Trolley

User Manual

Power Cable

S40i Tablet, Chromebook & Laptop Charge Trolley

Our tablet, Chromebook & laptop charge cart features an intelligent charging system to optimise total charge time by dynamically evaluating power demand in separate charging zones, ensuring that the electric current is efficiently allocated to the devices that need it most. In addition, LED status indicators offer instant updates on the charging progress of each zone. Protect against theft and vandalism with the durable steel construction and 3-point locking mechanisms.

- Charge, store and secure up to 40 iPads, tablets, Chromebooks and laptops at once
- Intelligent charging mechanism: optimised electrical current allocation and total charge time, with added circuit overload protection
- Industrial-grade, pull-off drawers with wide individual storage bays for easy loading and charging
- Sturdy, fully-welded steel frame structure & steel double doors with three-point lock for secure storage
- Smooth, rounded corners & edges to safeguard students

Product Specifications

Storage/charging capacity	Up to 40 iPads, tablets & Chromebooks (please compare device dimensions against cart slot dimensions listed below)
LED status indicators	Solid blue: charging
Lockable doors	Yes, front and rear double doors with individual three-point locks
Storage drawers	Two 20-bay drawers on industrial-grade slide rails
Cable management	Individual AC adapter storage compartments & repositionable cable clips
Wall mount hook	No
Swivel casters	Yes, four 5" medical grade casters (2 lockable)
Intelligent charging system	Yes
Auxiliary power outlet	Yes, 4 country-specific AC courtesy outlets AC 220V~240V, 50/60Hz, 2A
Power system	AC 220V~240V, 50/60Hz; input: 8A, output: 6A
Slot dimensions	W = 28mm H = 250mm D = 364mm
Cart dimensions	W = 970mm H = 1027mm D = 620mm
Cart weight	87kg
Warranty	10-year limited warranty for cart and tray 5-year limited warranty for electrical parts

* Tablets Not Included

CODE	DESCRIPTION
Aver_S40i	AVer S40i Tablet, Chromebook & Laptop Charge Trolley

Each Package Includes

Charging Trolley

User Manual

Power Cable

PPM CL10 Cellphone and Tablet Charging Locker

The cleverly designed CL10 Cellphone and Tablet charging locker is an essential component in any university, school, business or factory environment. It features a user-friendly, space-efficient design and supports concurrent charging of up to 2 iPads or Android Tablets and 8 iPhones or Android Phones. Quickly set up your lock combination for a secure charge of your phone or tablet.

- Charge, store and secure up to 2 iPads or Android Tablets and 8 iPhones or Android Phones at once.
- Intelligent charging mechanism: optimized electrical current allocation and total charge time, with added circuit overload protection
- Industrial-grade, lockable doors with a combination lock
- Device specific individual storage bays for easy loading and charging

Product Specifications

Storage/charging capacity	Up to 2 iPads or Android Tablets and 8 iPhones or Android Phones
LED status indicators	Red: Charging Green: Fully Charged
Lockable doors	Yes, with combination locks which is easy to code
Intelligent charging system	Yes
Power system	AC 220V~240V
Cellphone Locker dimensions	W = 160mm H = 95mm D = 210mm
Tablet Locker dimensions	W = 325mm H = 95mm D = 210mm
Cart dimensions	W = 700mm H = 445mm D = 265mm
Locker weight	13kg
Warranty	1-year limited warranty

*** Phone, Tablet, Wallet & Keys Not Included**

Charge Cable for:
- iPhone 4, 5 & 5s
- Most Android Devices

Each Package Includes

Charging Locker

User Manual

Power Cable

CODE	DESCRIPTION
PPM_CL10	PPM Tablet, Cellphone Charging Locker

PPM Tripod Screens

Product Specifications

- Height Adjustable
- Built in Keystone Bracket
- Lightweight and Portable
- Easy to Setup
- Matt White Fabric offering a Bright Crisp Image
- Full Black Border
- Standard 1:1 Ratio adjustable to 4:3, 16:9 or 16:10
- Optional Carry Bag available

CODE	DESCRIPTION	SIZE
TS11_1250	Tripod Screen 1:1	1250 x 1250mm
TS11_1500	Tripod Screen 1:1	1500 x 1500mm
TS11_1800	Tripod Screen 1:1	1800 x 1800mm
TS11_2100	Tripod Screen 1:1	2100 x 2100mm
CB1250*	Tripod Screen Carry Bag	1250mm
CB1500*	Tripod Screen Carry Bag	1500mm
CB1800*	Tripod Screen Carry Bag	1800mm
CB2100*	Tripod Screen Carry Bag	2100mm

*** Optional Extra's or Replacement Parts**

Each Package Includes

Tripod Screen

PPM Pulldown Screens

Product Specifications

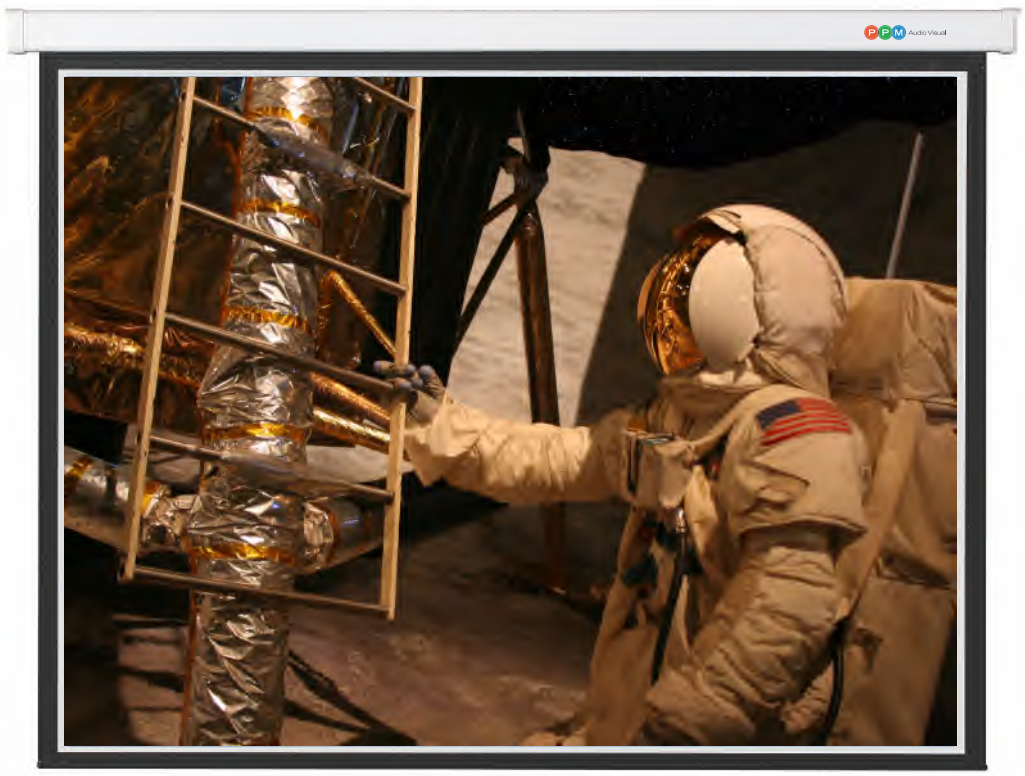
- Easy to install
- Matt White Fabric offering a Bright Crisp Image
- Full Black Border
- Optional Key Stone Brackets available

CODE	DESCRIPTION	SIZE
PS43_1800	Pulldown Screen 4:3	1800 x 1350mm
PS43_2000	Pulldown Screen 4:3	2000 x 1500mm
PS43_2400	Pulldown Screen 4:3	2400 x 1800mm
PS61_1800	Pulldown Screen 16:10	1800 x 1120mm
PS61_2000	Pulldown Screen 16:10	2000 x 1250mm
PS61_2400	Pulldown Screen 16:10	2400 x 1500mm

Each Package Includes

Pulldown Screen

PPM Electric Screens



Product Specifications

- Easy to install (Wall or Ceiling)
- Matt White Fabric offering a Bright Crisp Image
- Full Black Border
- Includes Wireless Remote Control

CODE	DESCRIPTION	SIZE
ES43_1800	Electric Screen 4:3	1800 x 1350mm
ES43_2000	Electric Screen 4:3	2000 x 1500mm
ES43_2400	Electric Screen 4:3	2400 x 1800mm
ES43_3100	Electric Screen 4:3	3140 x 2355mm
ES61_1800	Electric Screen 16:10	1800 x 1120mm
ES61_2000	Electric Screen 16:10	2000 x 1250mm
ES61_2400	Electric Screen 16:10	2400 x 1500mm
ES61_3000	Electric Screen 16:10	3000 x 1875mm

Each Package Includes

Electric Screen

Wireless Remote

Wired Remote

CommBox Control Systems

The CommBox range of wall mounted control units simplify, standardise and streamline the use of technology in the classroom, training room or boardroom. When CommBox control systems are installed, anyone can operate all of the equipment in the classroom, first time – every time, without training or lists of instructions.

CommBox Control Systems revolutionise the classroom, training room and boardroom

1. Are your staff finding the use of AV equipment is becoming more of a challenge, confusing or even intimidating?
2. Are you finding that projectors are being left on after use?
3. Are you hunting for lost remote controls?

The Joeys ensure every room's control is standardised to look and perform exactly the same no matter what differing makes or models of equipment are installed in each room.

The Joey range is collection of wall mounted control units that will replace all remote controls.

The Joey range simplifies the use of the AV equipment by providing one touch control.

Touch one button and the required equipment is setup and ready to use.

The Joey control systems are smart enough to know when a room is empty and will shutdown all of the required AV equipment (saving expensive items such as projector lamps).

This feature is done by tracking room movement and key presses.

The Joeys are 100% customisable – ensuring only the appropriate functionality is given to the user, thus simplifying use.

Joey Micro 6 Button

Joey Micro 9 Button

Joey Lite 24 Button

CODE	DESCRIPTION
CS_JM6	Joey Micro 6 Button
CS_JM9	Joey Micro 9 Button
CS_JL24	Joey Lite 24 Button
CS_Glass	Joey Lite Replacement Glass
CS_PIR	Room Movement Detector
CS_RB	PPM Replay Box
CS_12R	PPM 12V Relay

This is a specialized product which needs to be installed by trained personnel and requires programming. Please contact us before placing orders to confirm requirements

PPM Brackets

PB_Long

* Projector Not Included

PB_Short

Product Specifications - Projector Mounts

- Easy to install
- Universal - Fits most projector makes and models
- Height Adjustable (PB_Long)
- Adjustable Tilt
- Cable Management
- White in Colour

Product Specifications - LED / LCD Wall Mount

- Easy to install
- Universal - Fits most LED / LCD makes and models
- Fits LED's / LCD's 30" to 63"
- Black in Colour

LED_Wall

LED_CBD

Product Specifications - LED / LCD Ceiling Mounts

- Easy to install
- Universal - Fits most LED / LCD makes and models
- Height Adjustable
- Cable Management
- Black in Colour

LED_CBS

CODE	DESCRIPTION
PB_Short*	PPM 180mm Universal Projector Bracket
PB_Long*	PPM 500-845mm Universal Projector Bracket
LED_Wall*	PPM 30"-63" LED/LCD Universal Wall Bracket
LED_CBS*	PPM 37"-60" LED/LCD Universal Ceiling Bracket Single
LED_CBD*	PPM 37"-60" LED/LCD Universal Ceiling Bracket Double

* New Products - Available from August 2015

PPM Cabling & Patch Points

CODE	DESCRIPTION
VGA_1*	PPM VGA Cable Male to Male 1.8m
VGA_3*	PPM VGA Cable Male to Male 3m
VGA_5*	PPM VGA Cable Male to Male 5m
VGA_10*	PPM VGA Cable Male to Male 10m
VGA_15*	PPM VGA Cable Male to Male 15m
VGA_20*	PPM VGA Cable Male to Male 20m

* New Products - Check for stock availability

CODE	DESCRIPTION
HDMI_1*	PPM HDMI Cable Male to Male 1.8m
HDMI_3*	PPM HDMI Cable Male to Male 3m
HDMI_5*	PPM HDMI Cable Male to Male 5m
HDMI_10*	PPM HDMI Cable Male to Male 10m
HDMI_15*	PPM HDMI Cable Male to Male 15m
HDMI_20*	PPM HDMI Cable Male to Male 20m

* New Products - Check for stock availability

CODE	DESCRIPTION
PP_BLANK*	PPM Patch Point Module BLANK
PP_USBA*	PPM Patch Point Module USB-A
PP_RJ45*	PPM Patch Point Module RJ45
PP_HDMI*	PPM Patch Point Module HDMI
PP_HDMI-C*	PPM Patch Point Module HDMI with Control
PP_VGA*	PPM Patch Point Module VGA + Audio
PP_VGA-C*	PPM Patch Point Module VGA + Audio with Control
PP_2X4*	PPM Patch Point Module 2X4 Wall Plate to fit 3 Modules
PP_2X4B	PPM Patch Point Module 2X4 Steel Backing Box
PP_4X4*	PPM Patch Point Module 4X4 Wall Plate to fit 4 Modules
PP_4X4B	PPM Patch Point Module 4X4 Steel Backing Box

* New Products - Check for stock availability